

Converting Colors

XYZ(61.2442, 73.0627, 10.8746)

Have a look what the booklet for
XYZ(61.2442, 73.0627, 10.8746)
contains.

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Color

**XYZ(61.2980, 73.1944,
10.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E500
RGB	232, 229, 0
RGB Percent	91%, 90%, 0%
CMY	0.0902, 0.1019, 0.9999
CMYK	0.00, 0.01, 1.00, 0.09
HSL	59°, 100%, 45%
HSV	59°, 100%, 91%
XYZ	61.2980, 73.1944, 10.8972
YIQ	203.7910, 75.2970, -70.5830

Conversions

Conversions Part 2

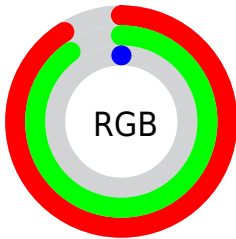
Format	Color
R _Y B	3, 232, 0
Decimal	15262976
CIE Lab	88.54, -18.62, 87.38
CIE LCh	89, 89.346, 102.026
Yxy	73.1944, 0.4216, 0.5034
Android (android.graphics.Color)	4293453056 (0xFFE8E500)
YUV	203.7910, -100.4690, 24.7393
Hunter-Lab	85.5537, -21.8264, 52.3357

Details

The XYZ color **61.2980, 73.1944, 10.8972** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.5986, 5.8920, 76.7111**, and the grayscale version is **57.8478, 60.8604, 66.2770**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **32.1493, 39.0428, 5.8416** is the 20% darker color. If you saturate the color by 10%, you get **61.2994, 73.1975, 10.8977**, and if you desaturate by 10%, it is **61.5394, 73.4264, 11.7521**.

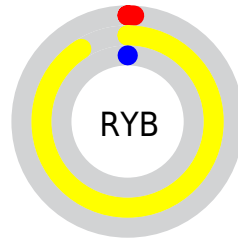
Distribution



Red (91%)

Green (90%)

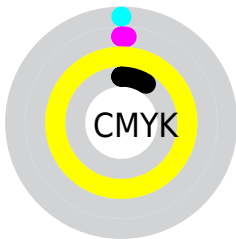
Blue (0%)



Red (1%)

Yellow (91%)

Blue (0%)

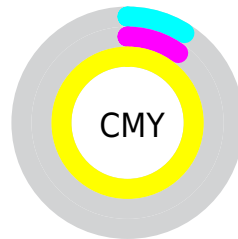


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2980, 73.1944, 10.8972 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.2980, 73.1944, 10.8972 by changing the saturation by 10% instead.

61.2980, 73.1944,
10.8972

61.2980, 73.1944,
10.8972

419.1243,
471.6883, 207.6730

44.7192, 54.1349,
5.8844

105.8060,
123.7531, 28.1037

31.4366, 38.7096,
2.7073

134.4658,
156.0212, 41.1344

21.0850, 26.5339,
0.9471

167.8834,
193.4610, 57.6750

13.2990, 17.2234,
0.0000

206.4240,
236.4567, 78.1438

7.7132, 10.3939,
0.0000

250.4530,
285.3930, 102.9595

3.9622, 5.6609,
0.0000

300.3359,

1.6808, 2.6400,

340.6540, 132.5406

0.0000

356.4378,
402.6244, 167.3055

■ 0.4442, 0.9468,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2980, 73.1944,
10.8972

■ 61.2980, 73.1944,
10.8972

■ 61.2994, 73.1975,
10.8977

■ 61.5394, 73.4264,
11.7521

■ 61.9671, 73.7303,
13.5950

■ 62.6425, 74.1336,
16.7412

■ 63.6003, 74.6500,
21.3737

■ 64.8696, 75.2913,
27.6464

■ 66.4762, 76.0677,
35.6939

■ 68.4428, 76.9884,
45.6369

■ 70.7905, 78.0617,
57.5857

■ 73.5385, 79.2953,
71.6419

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1362, 73.1944, 11.7639



61.2980, 73.1944, 10.8972



45.3796, 73.1944, 20.0967

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2980, 73.1944, 10.8972



43.1341, 73.1944, 188.2824



116.8226, 73.1944, 122.1477

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.2980, 73.1944, 10.8972



14.5986, 5.8920, 76.7111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.1136, 73.1944, 204.1316



61.2980, 73.1944, 10.8972



57.5646, 73.1944, 253.9370

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2980, 73.1944, 10.8972



36.4366, 73.1944, 107.0284



78.5526, 73.1944, 260.8912



118.3997, 73.1944, 57.4650

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2980, 73.1944, 10.8972



39.0481, 73.1944, 36.0284



78.5526, 73.1944, 260.8912



112.8900, 73.1944, 149.2163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.2997, 73.1978, 10.8987



84.7721, 95.3864, 56.3266



33.3001, 17.1649, 1.6700



17.9123, 20.3086, 10.8789



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2997, 73.1978, 10.8987



75.9594, 90.6988, 13.5031



36.5859, 61.6974, 9.9814



15.5848, 16.7836, 15.3226



34.0390, 40.6522, 6.0526



2.5205, 3.0144, 0.4490

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.5986, 5.8920, 76.7111



18.0857, 7.2914, 95.0619



21.2669, 9.2814, 77.0139



13.5977, 13.9168, 18.1139



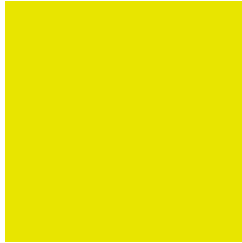
8.1112, 3.2845, 42.5896



0.6047, 0.2533, 3.1490

Previews

White Background



This preview shows how the XYZ color 61.2980, 73.1944, 10.8972 looks on a white background.

Color Contrast Check

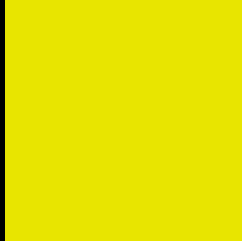
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.2980, 73.1944, 10.8972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2980, 73.1944, 10.8972

Background



This preview shows how black text looks on a background with the XYZ color 61.2980, 73.1944, 10.8972.

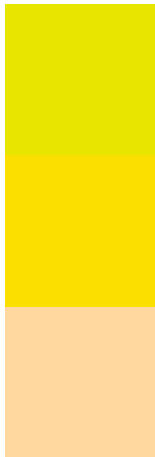


This preview shows how white text looks on a background with the XYZ color 61.2980, 73.1944,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.2980, 73.1944, 10.8972

Protanopia

66.1713, 73.2846, 10.6577

Deuteranopia

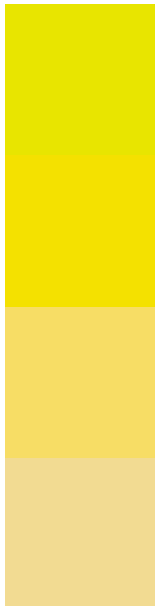
72.0539, 72.8749, 43.0695



Tritanopia

76.2949, 73.0198, 84.2018

Trichromacy



Original Color

61.2980, 73.1944, 10.8972

Protanomaly

64.2334, 73.0835, 10.7211

Deuteranomaly

66.5632, 72.4266, 22.7834

Tritanomaly

67.1378, 71.6156, 37.4788

Monochromacy



Original Color

61.2980, 73.1944, 10.8972

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5551, 63.4963, 30.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2980, 73.1944, 10.8972 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 229, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 229, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 0) }
```

Border

The CSS property to change the border of an element to XYZ 61.2980, 73.1944, 10.8972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 229, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 229, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 229, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2980, 73.1944, 10.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
229, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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